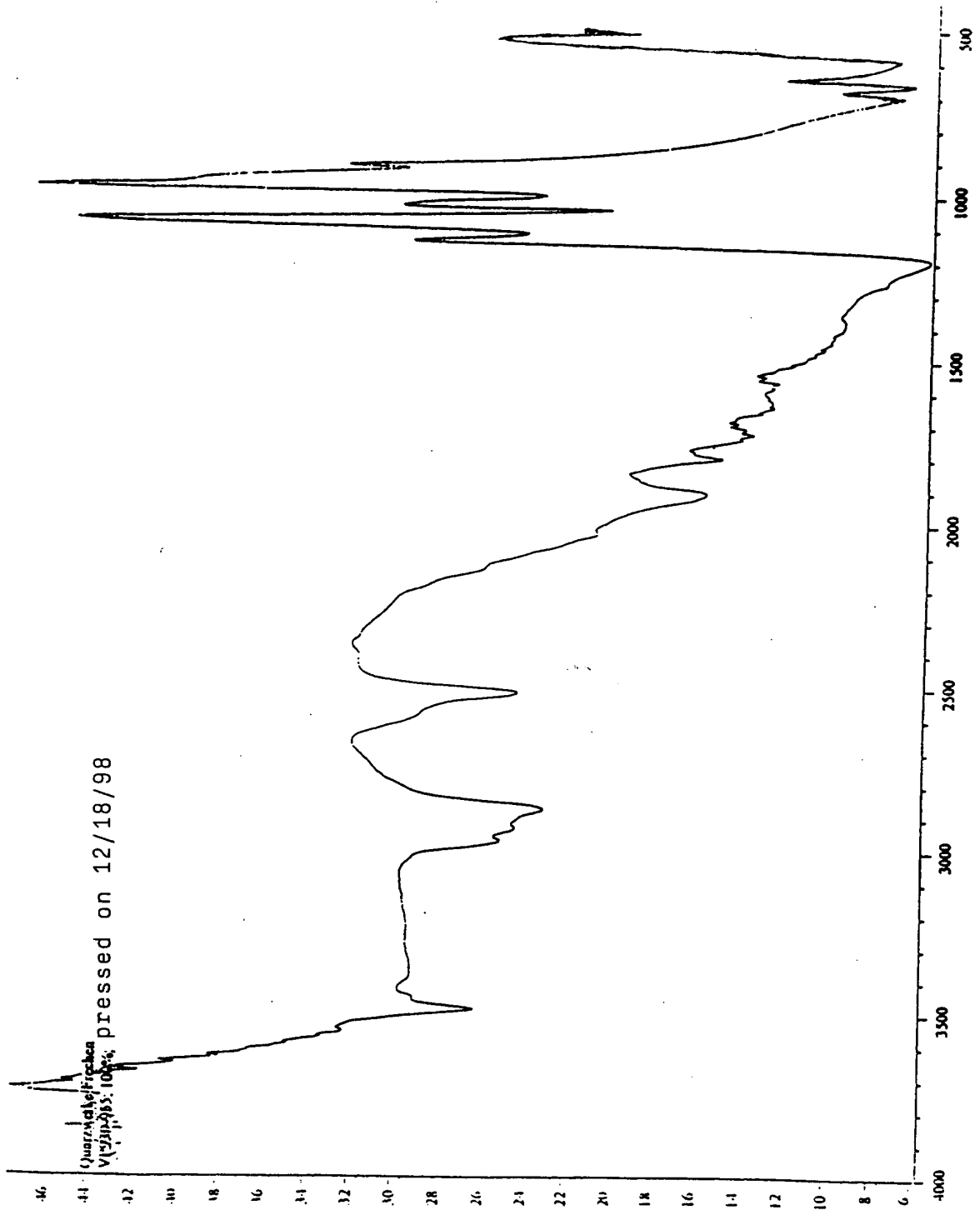


T05260" 28E2E660

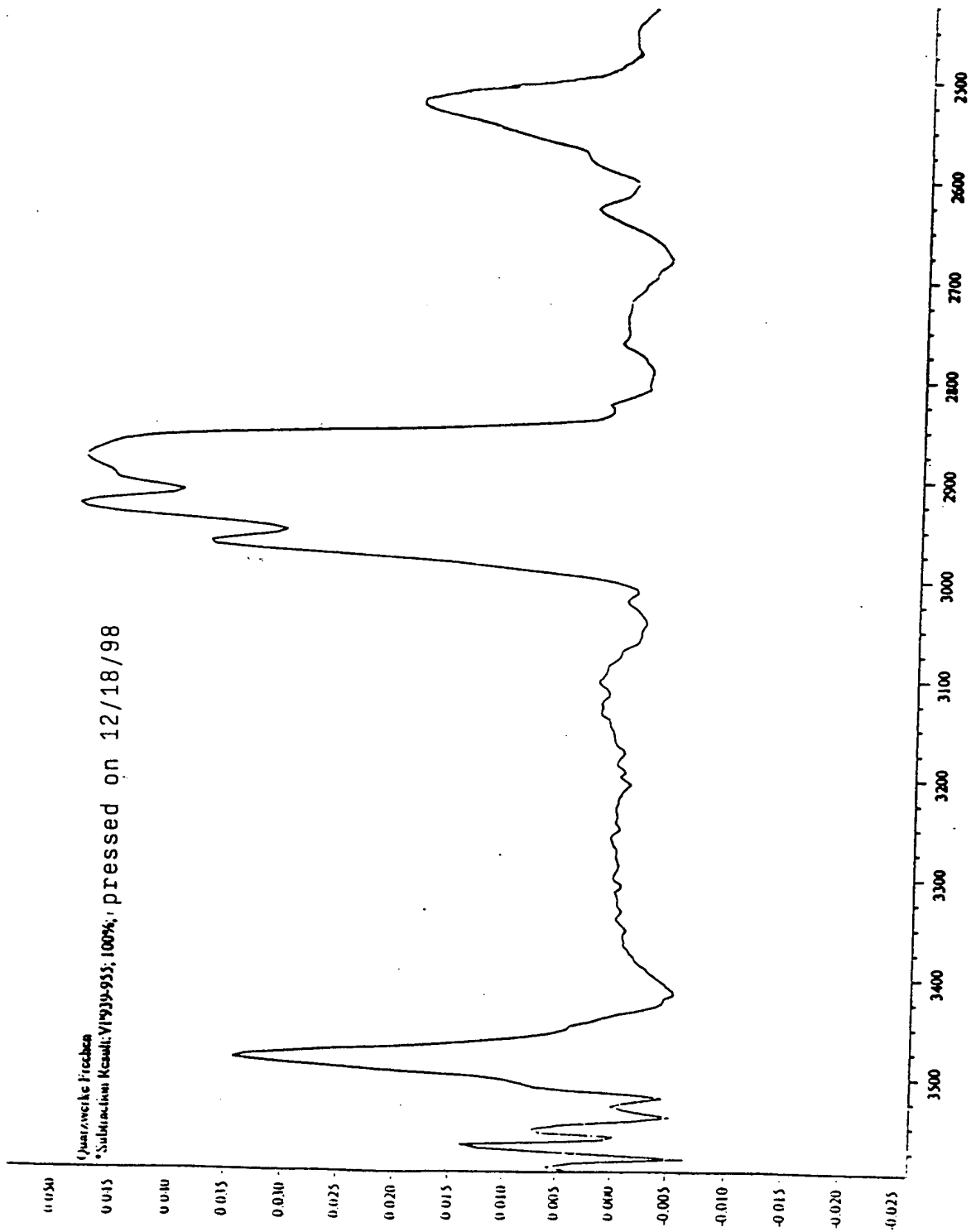
Figure 1



105250" 28E4E660

09/937387

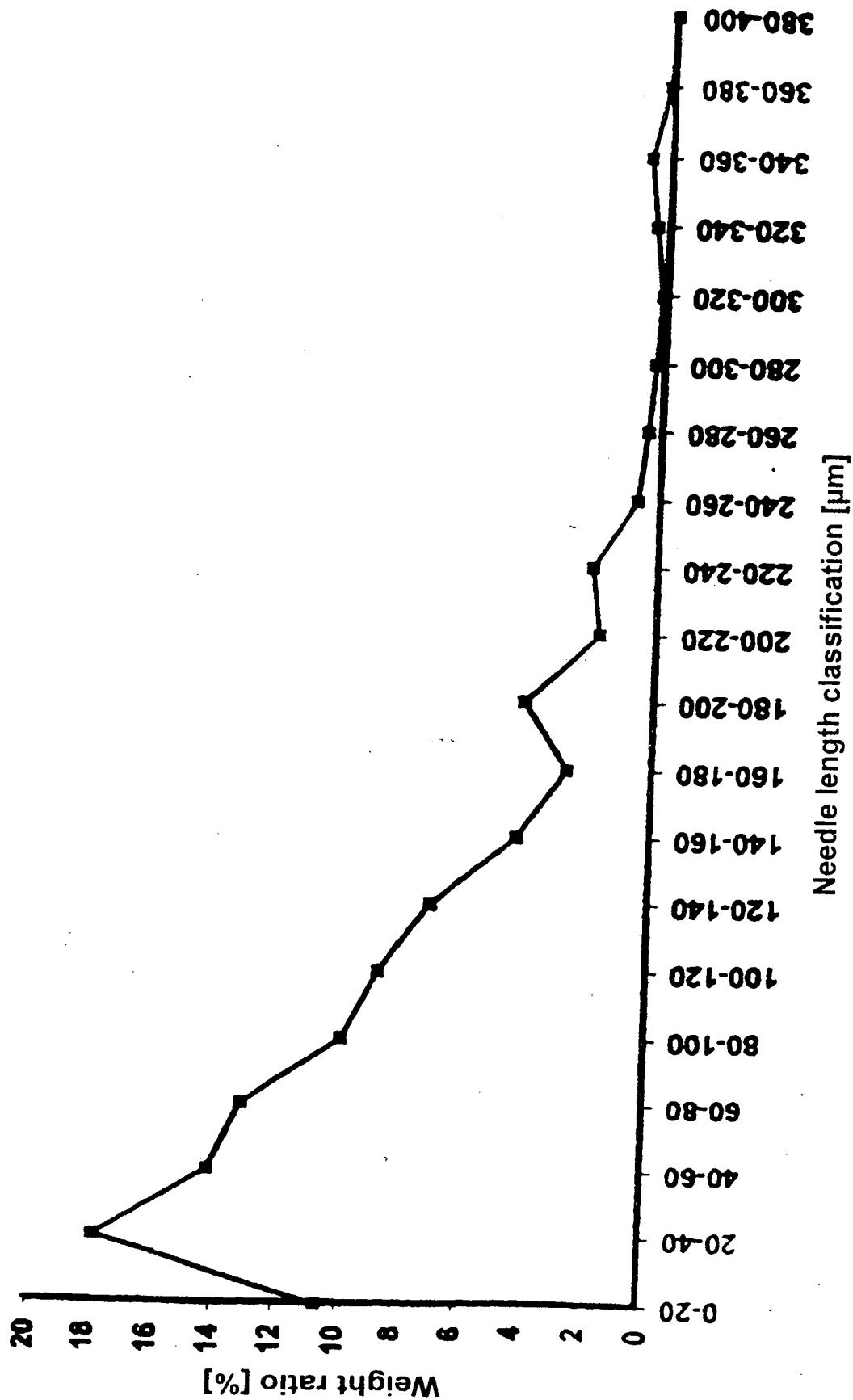
Figure 2



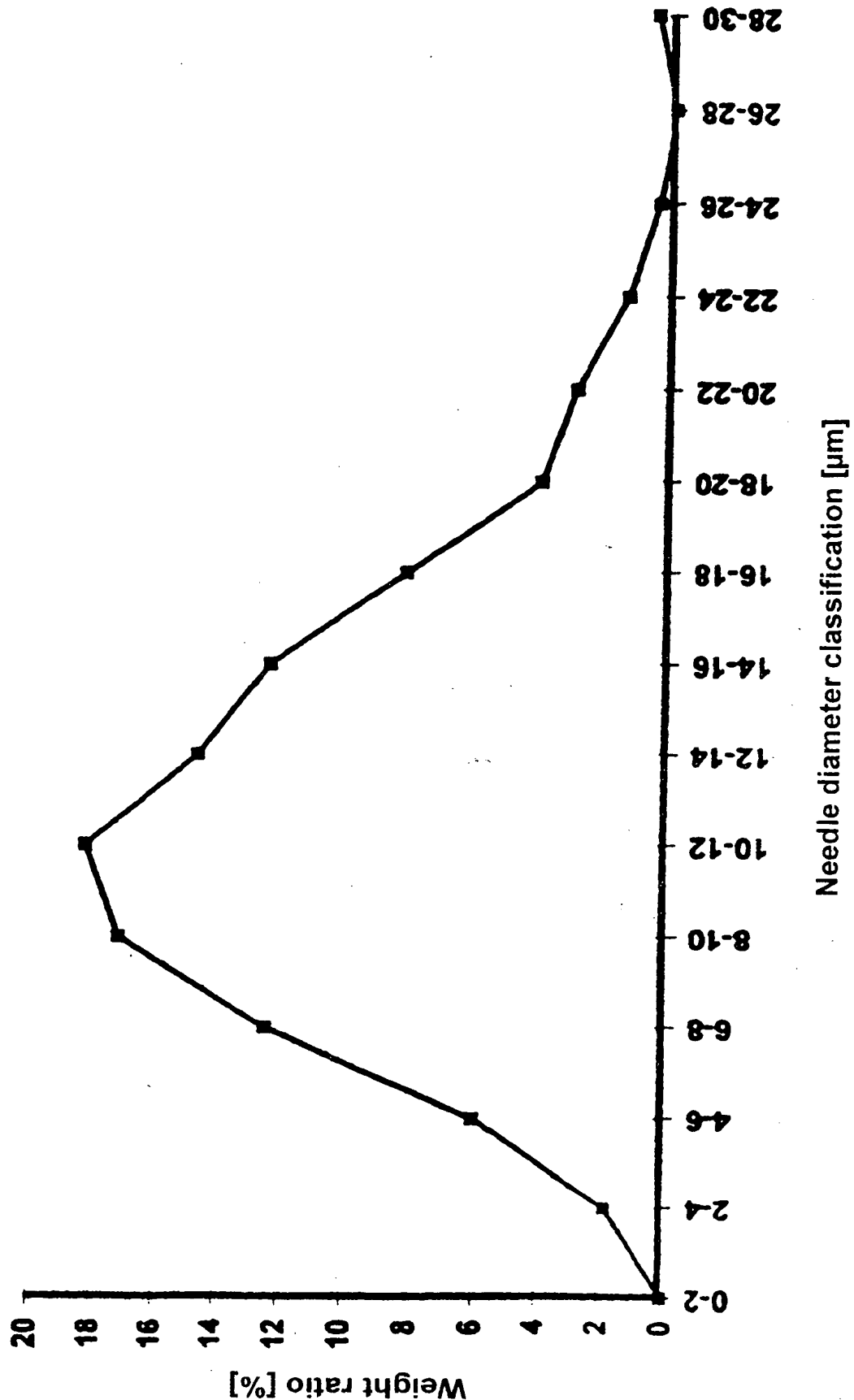
105250" 28E4E660

Figure 3

Weight ratio as a function of needle length



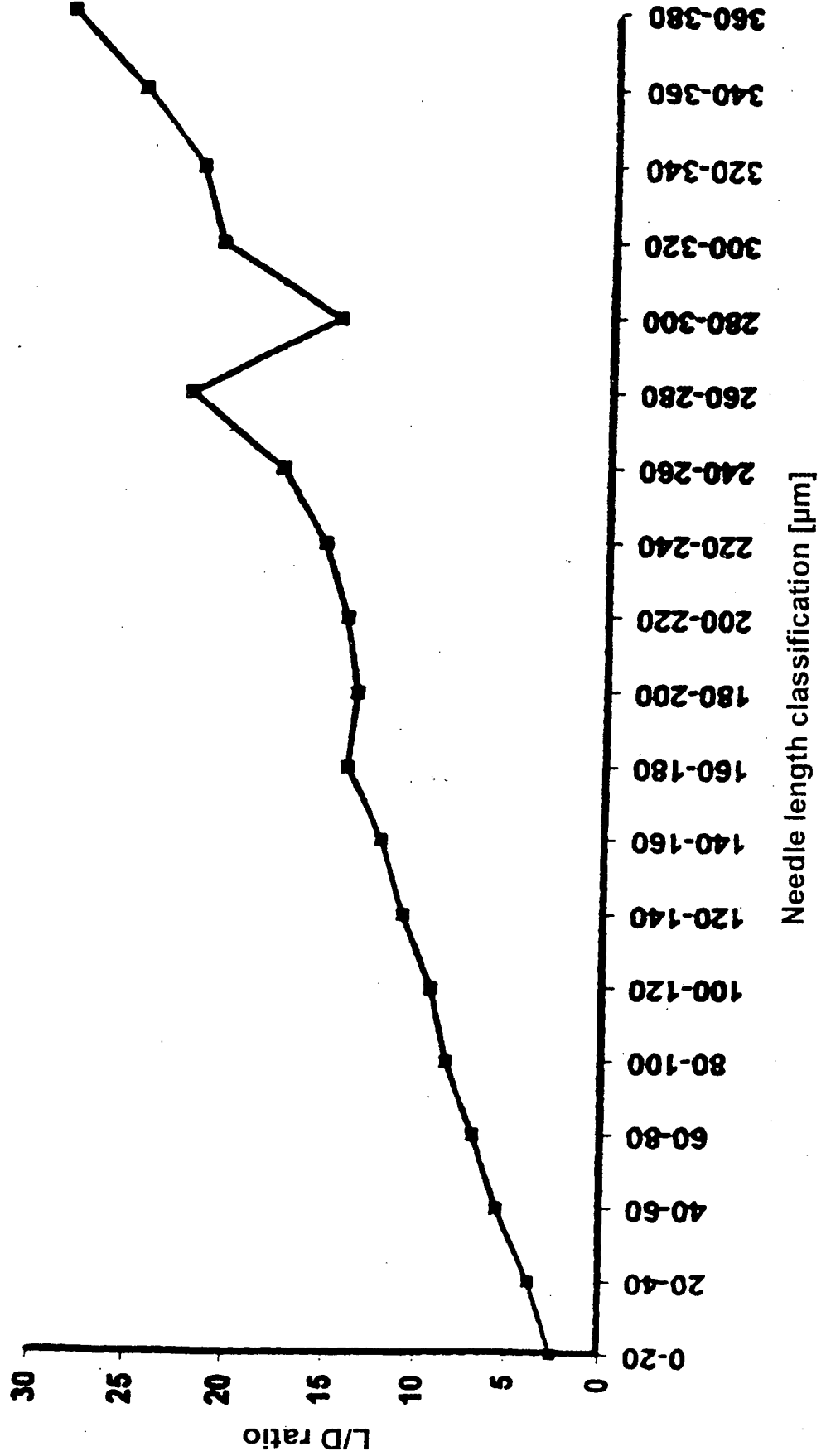
Weight ratio as a function of needle diameter



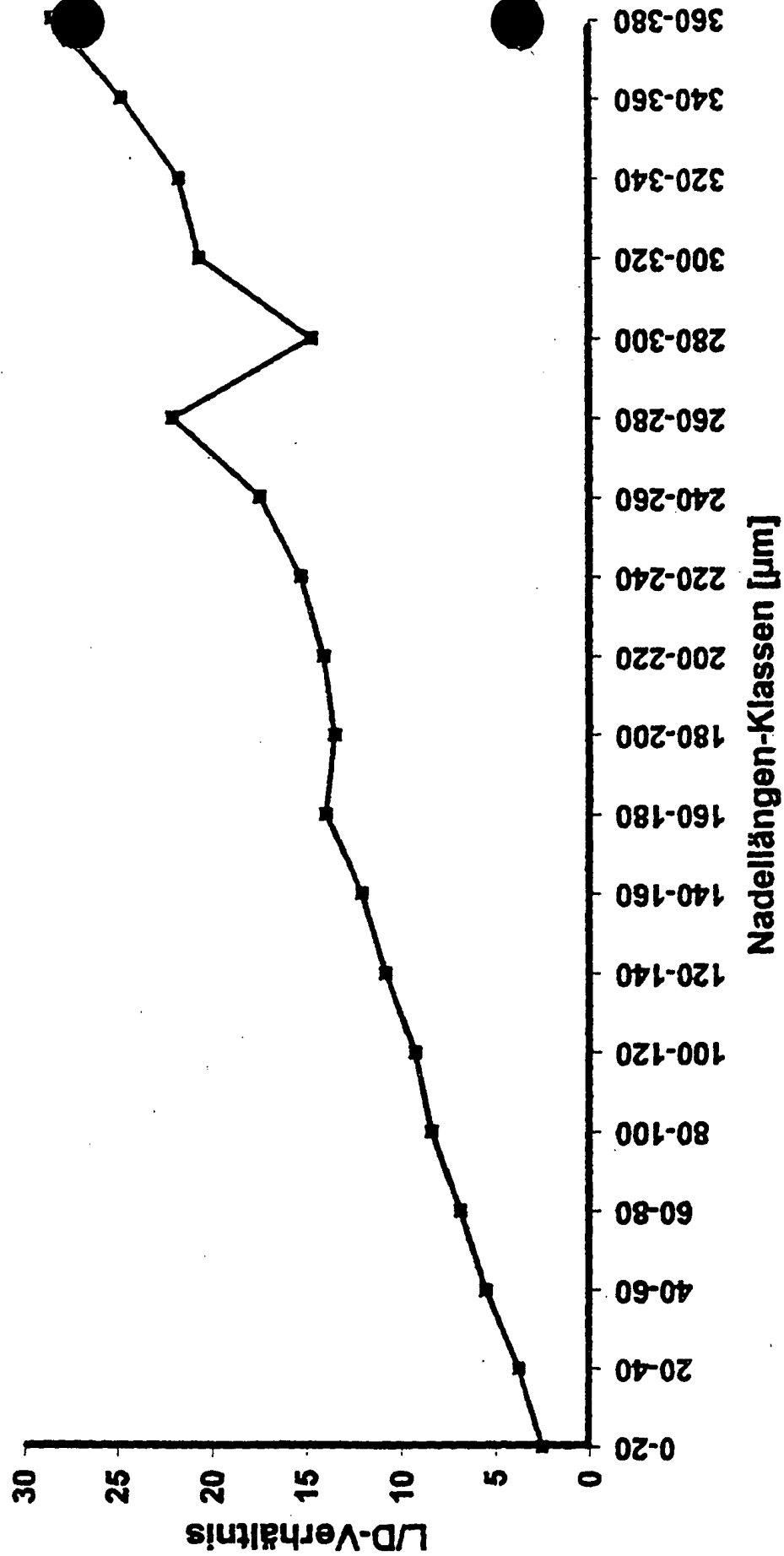
105260-28343650

Figure 5

Average L/D ratio as a function of needle length



Mittleres L/D-Verhältnis in Abhängigkeit der Nadellänge



Figur 5